



**Test Report**

Number: SHAH0078721301S1

Applicant: INNOVATION CREATION LIMITED PARTNERSHIP  
14143 DENVER WEST PARKWAY, SUITE 100,  
GOLDEN, CO. USA, 80401  
Attn: WU HAIYAN

Date: 23 Mar, 2017

*THIS IS TO SUPERSEDE REPORT  
NO. SHAH0078721301 DATED 21  
Mar, 2017*

Sample Description:

**Two (2) of Submitted Samples Said To Be :**  
**(1) Blue Fabric (Microfiber cleaning cloth, IC201);**  
**(2) Pink Fabric (Microfiber beauty towel, SS101).**

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

To be continued

Authorized By:

Jasmine Zhang  
Deputy General Manager  
For Green Initiatives Intertek China



Tests Conducted

1 Detection Of Amines Derived From Azocolourants and Azodyes

By Gas Chromatographic - Mass Spectrometric (GC-MS) and High Performance Liquid Chromatographic (HPLC) analysis.

Test Method: EN 14362-1: 2012 for Textile Material  
 EN ISO 17234-1: 2010 for Leather Material  
 EN 14362-3: 2012 & EN ISO 17234-2: 2011 for p-Aminoazobenzene

	<u>Forbidden</u>	<u>Cas No.</u>	(1)	<u>Result</u>	(2)
1.	4-Aminodiphenyl	92-67-1	ND		ND
2.	Benzidine	92-87-5	ND		ND
3.	4-Chloro-o-Toluidine	95-69-2	ND		ND
4.	2-Naphthylamine	91-59-8	ND		ND
5.	o-Aminoazotoluene	97-56-3	ND		ND
6.	2-Amino-4-Nitrotoluene	99-55-8	ND		ND
7.	p-Chloroaniline	106-47-8	ND		ND
8.	2,4-Diaminoanisole	615-05-4	ND		ND
9.	4,4'-Diaminodiphenylmethane	101-77-9	ND		ND
10.	3,3'-Dichlorobenzidine	91-94-1	ND		ND
11.	3,3'-Dimethoxybenzidine	119-90-4	ND		ND
12.	3,3'-Dimethylbenzidine	119-93-7	ND		ND
13.	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	ND		ND
14.	p-Cresidine	120-71-8	ND		ND
15.	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	ND		ND
16.	4,4'-Oxydianiline	101-80-4	ND		ND
17.	4,4'-Thiodianiline	139-65-1	ND		ND
18.	o-Toluidine	95-53-4	ND		ND
19.	2,4-Toluylenediamine	95-80-7	ND		ND
20.	2,4,5-Trimethylaniline	137-17-7	ND		ND
21.	o-Anisidine	90-04-0	ND		ND
22.	p-Aminoazobenzene	60-09-3	ND		ND
23.	2,4-Xylidine	95-68-1	ND		ND
24.	2,6-Xylidine	87-62-7	ND		ND

Remark: ND = Not Detected  
 Detection Limit = 5 ppm  
 ppm = Parts per million = mg/kg

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 To be continued



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Tests Conducted

2 Alkylphenol (AP) and Alkylphenol Ethoxylates (APEO) Content

With Reference To ISO 18254-1: 2016, By Liquid Chromatographic – Mass Spectrometric (LC-MS) Analysis.

<u>Compound</u>	<u>Result (mg/kg)</u>	
	(1)	(2)
Nonylphenol (NP)	ND	ND
Octylphenol (OP)	ND	ND
Nonylphenol Ethoxylate (NPEO)	ND	16
Octylphenol Ethoxylate (OPEO)	ND	ND

Remark: Detection Limit = 10 mg/kg  
ND = Not Detected

3 Extractable Heavy Metals

With reference to DIN 54233-3, by Inductively Coupled Argon Plasma Mass (ICP-MS) and UV-Visible Spectrophotometry analysis.

<u>Element</u>	<u>Result (ppm)</u>		<u>Detection Limit(ppm)</u>
	(1)	(2)	
Sol. Antimony (Sb)	ND	ND	1.0
Sol. Arsenic (As)	ND	ND	0.1
Sol. Lead (Pb)	ND	ND	0.1
Sol. Cadmium (Cd)	ND	ND	0.03
Sol. Mercury (Hg)	ND	ND	0.01
Sol. Copper (Cu)	ND	ND	1.0
Sol. Chromium (Cr-Total)	ND	ND	0.5
Sol. Chromium VI (Cr-VI)	ND	ND	0.5
Sol. Cobalt (Co)	ND	ND	0.3
Sol. Nickel (Ni)	ND	ND	0.3

Remark: ppm = Parts per million = mg/kg  
Sol. = Soluble  
ND = Not Detected

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To be continued

Tests Conducted

4 Trichlorophenol (TriCP) Content

With reference to ISO 17070: 2015, detected by Gas Chromatographic-Mass Spectrometric (GC-MS).

<u>Compound</u>	<u>Result (mg/kg)</u>
	(1) (2)
2,3,4- TriCP	ND ND
2,3,5- TriCP	ND ND
2,3,6- TriCP	ND ND
2,4,5- TriCP	ND ND
2,4,6- TriCP	ND ND
3,4,5- TriCP	ND ND
Sum	ND ND

Remark: Detection Limit = 0.05 mg/kg  
ND = Not Detected

5 Tetrachlorophenol (TeCP) Content

With reference to ISO 17070: 2015, detected by Gas Chromatographic-Mass Spectrometric (GC-MS).

<u>Compound</u>	<u>Result (mg/kg)</u>
	(1) (2)
2,3,5,6-TeCP	ND ND
2,3,4,6-TeCP	ND ND
2,3,4,5-TeCP	ND ND
Sum	ND ND

Remark: Detection Limit = 0.05 mg/kg  
ND = Not Detected

6 Pentachlorophenol (PCP) Content

With reference to ISO 17070: 2015, detected by Gas Chromatographic-Mass Spectrometric (GC-MS).

<u>Compound</u>	<u>Result (mg/kg)</u>
	(1) (2)
Pentachlorophenol (PCP)	ND ND

Remark: Detection Limit = 0.05 mg/kg  
ND = Not Detected

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To be continued

Tests Conducted

7 Formaldehyde Content

As per test method ISO 14184-1:2011, formaldehyde content was determined by UV-Visible Spectrophotometer(UV-Vis) analysis.

<u>Tested Component</u>	<u>Result (mg/kg)</u>
(1)	ND
(2)	ND

Remark: ND = Not Detected  
Detection Limit = 5.0 mg/kg



(1)



(2)

Date Sample Received: 15 Mar, 2017  
Testing Period: 15 Mar, 2017 To 20 Mar, 2017

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End of report

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To: INNOVATION CREATION LIMITED PARTNERSHIP

Attention: WU HAIYAN

Date: 23 Mar, 2017

Re: Report Revision Notification

Intertek Testing Services Report Number SHAH0078721301 Dated 21 Mar, 2017 .

Please be informed that all the content recorded in the above captioned report will be void. This captioned report is now superseded by a revised Intertek Testing Services Report Number SHAH0078721301S1.

Please return the original captioned report to us immediately.

Thank you for your attention.

Authorized By:

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Jasmine Zhang  
Deputy General Manager  
For Green Initiatives Intertek China



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